

Amendments to the Specification:

Please amend paragraphs 4-5 on page 16 of the application as follows:

“1) EOB address probability distributions may vary significantly for different video shots and different bit rates. For this reason, the optimal mix of iDCT routines will vary from shot to shot. A shot is a sequence of frames bounded on each side by a video transition, for example a cut frame, a dissolve, or a cross-dissolve. Average histograms for B-frames (the most common frames) contained in both commercially compressed and reference model MPEG-2 compressed ‘Football’, ‘Space Station’, ‘Flower Garden’, and ‘Sony’ sequences are shown in Figure 3. ~~These shots are available at:~~

~~<ftp://mm.ftp.cs.berkeley.edu/pub/multimedia/mpeg/movies/bitstreams/video.”>~~

Please amend the last paragraph on page 16 of the application as follows:

“2) Within a shot and over spans of a few hundred frames EOB histograms often show little significant variance. Therefore, the optimal mix of iDCT routines remains fairly static within an individual shot. Figure 4 shows superimposed B-frame histograms for the commercially encoded ‘DVM Demo’ sequence at 4 Mbps. ~~This sequence is available at:~~”

Please delete the first paragraph on page 17 of the application as follows:

~~<ftp://ftp.darvision.com/pub/mpegs.”>~~